COMMERCE PATENT AND TRADEMARK OFFICE U.S. DEPARTM FORM PTO-1390 (Modified) 840.059.001 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE PRIORITY DATE CLAIM INTERNATIONAL APPLICATION NO. 17 May 1997 PCT/US97/08550 TITLE OF INVENTION Configuration of an Atmospheric Pressure Ion Source NOV - 5 1999 APPLICANT(S) FOR DO/EO/US
Craig M. Whitehouse, Michael A. Sansone and Clement Catalagory APPLICANT(S) FOR DO/EO/US Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. X This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).  $\boxtimes$ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 4  $\boxtimes$ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))  $\boxtimes$ 5. is transmitted herewith (required only if not transmitted by the International Bureau). has been transmitted by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). c. 🗆 A translation of the International Application into English (35 U.S.C. 371(c)(2)). 6.  $\Box$ A copy of the International Search Report (PCT/ISA/210). 7.  $\boxtimes$ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) 8. are transmitted herewith (required only if not transmitted by the International Bureau). have been transmitted by the International Bureau. b. 🗆 have not been made; however, the time limit for making such amendments has NOT expired. c. have not been made and will not be made. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. П An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. A copy of the International Preliminary Examination Report (PCT/IPEA/409).  $\boxtimes$ 11. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 12. (35 U.S.C. 371 (c)(5)). Items 13 to 18 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 13. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 14. A FIRST preliminary amendment. 15. A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. 16. A change of power of attorney and/or address letter. 17. Certificate of Mailing by Express Mail 18. Other items or information: 19.

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BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)):  Search Report has been prepared by the EPO or JPO	U.S. APPLICATION NO. (IF KNOWN, SEF			INTERNATIONAL APPLICATION NO. PCT/US97/08550			ATTORNEY'S DOCKET NUMBER 840.059.001		
BASIC NATIONAL FEE (27 CFR 1.492 (a) (1) - (5)):  Starch Report has been prepared by the EPO or IPO	20.	<del>- + 7 -</del>				CA	LCULATIONS	PTO USE ONLY	
International preliminary examination fee paid to USPTO (37 CFR 1.482) but international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee (37 CFR 1.482) (37 CFR 1.482) (37 CFR 1.482) and international search fee (37 CFR 1.484(9(2) paid to USPTO (37 CFR 1.482) and international preliminary examination fee (37 CFR 1.482) soft.    ENTER APPROPRIATE BASIC FEE AMOUNT =	BASIC	NATIONA	L FEE ( 37 CFR 1.492 (a) (1) -						
No international preliminary examination fee paid to USPTO (37 CFR 1.482)					\$840.00				
Neither international search fee paid to USPTO (37 CFR 1.4426)(2)) and uniternational search fee (37 CFR 1.4426)(2)) and to USPTO. S970.00    International search fee (37 CFR 1.4445)(2)) and to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)									
international search fee (37 CFR 1.445(a)(2) paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)		No internation but internation	onal preliminary examination fee onal search fee paid to USPTO (3	paid to USPTO (37 CFR 1.482 37 CFR 1.445(a)(2))	\$760.00				
ENTER APPROPRIATE BASIC FEE AMOUNT = \$96.00    Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (c)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE    TOTAL Claims   \$5 - 20 = 0   x \$52.00   \$50.00    Independent claims   1 - 3 = 0   x \$82.00   \$50.00    Multiple Dependent Claims (check if applicable).		Neither inter international	national preliminary examination search fee (37 CFR 1.445(a)(2)	n fee (37 CFR 1.482) nor paid to USPTO	\$970.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (c)).  Total claims	×	International and all claim	preliminary examination fee pains satisfied provisions of PCT Art	d to USPTO (37 CFR 1.482) ticle 33(2)-(4)	\$96.00				
Summits from the earliest claimed priority date (37 CFR 1.492 (e)).   Summits from the earliest claimed priority date (37 CFR 1.492 (e)).   Summits from the earliest claimed priority date (37 CFR 1.492 (e)).   Summits from the earliest claimed priority date (37 CFR 1.492 (e)).   Summits from the earliest claimed priority date (37 CFR 1.492 (f)).   Summits from the earliest claimed priority date (37 CFR 1.492 (f)).   Summits from the earliest elaimed priority date (37 CFR 1.492 (f)).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31) (check if applicable).   Summits from the earliest elaimed priority date (37 CFR 3.28, 3.31			ENTER APPROPRI	ATE BASIC FEE AM	OUNT =		\$96.00		
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Total claims   1					RATE				
Multiple Dependent Claims (check if applicable)	Total c	laims	5 - 20 =	0	x \$22.00		\$0.00		
Multiple Dependent Claims (check if applicable).   S0.00     TOTAL OF ABOVE CALCULATIONS   S96.00     Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement   S48.00     SUBTOTAL   S48.00     Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (ft)).   TOTAL NATIONAL FEE   S48.00     Fee for recording the enclosed assignment (37 CFR 1.492 (ft)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).   S0.00     TOTAL FEES ENCLOSED   S48.00     A check in the amount of \$48.00   to cover the above fees is enclosed.     Please charge my Deposit Account No.   A duplicate copy of this sheet is enclosed.     Please charge my Deposit Account No.   O2-2105   A duplicate copy of this sheet is enclosed.     The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No.   O2-2105   A duplicate copy of this sheet is enclosed.     NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.    SEND ALL CORRESPONDENCE TO:   Morris E. Cohen   NAME   39,947   REGISTRATION NUMBER   November 5, 1999			1 - 3=	0	x \$82.00		\$0.00		
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).  SUBTOTAL = \$48.00  Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (ft)).  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).  SO.00  TOTAL FEES ENCLOSED = \$48.00  TOTAL FEES ENCLOSED = \$48.00  A check in the amount of \$48.00  Please charge my Deposit Account No. in the amount of to cover the above fees is enclosed.  The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 02-2105 A duplicate copy of this sheet is enclosed.  NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  SEND ALL CORRESPONDENCE TO:  Morris E. Cohen, Esq.  Levisohn, Lerner, Berger & Langsam 757 Third Avenue, Suite 2400  New York, NY 10017  Tel: (212) 486-7272  Morris E. Cohen, Esq.  Levisohn, Lerner, Berger & Langsam 757 Third Avenue, Suite 2400  New York, NY 10017  Tel: (212) 486-7272			t Claims (check if applicable).						
SUBTOTAL = \$48.00  Processing fee of \$130.00 for furnishing the English translation later than							\$96.00		
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (ft)).    TOTAL NATIONAL FEE	Reduct must al	tion of 1/2 for lso be filed (	r filing by small entity, if applica Note 37 CFR 1.9, 1.27, 1.28) (ch	able. Verified Small Entity Sta neck if applicable).	tement		\$48.00		
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757 Third Avenue, Suite 2400  New York, NY 10017  Tel: (212) 486-7272  39,947  REGISTRATION NUMBER  November 5, 1999							·		
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CERTIFICATE OF Applicant(s): Craig M.	MAILING BY "EXPRESS I Whitehouse, et al.	MAIL" (37 CE) Hee'd	CT/PTO 0 5 NOV 1999								
Serial No.	Filing Date	Examiner	Group Art Unit								
Invention: Configuration of an Atmospheric Pressure Ion Source											
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I hereby certify that this U.S. national phase patent application  (Identify type of correspondence)											
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on  November 5, 1999  (Date)											
Ann Marie Hunter  (Typed or Printed Name of Person Mailing Correspondence)  (Signature of Person Mailing Correspondence)											
		EL4247089									
Note: Each paper must have its own certificate of mailing.											